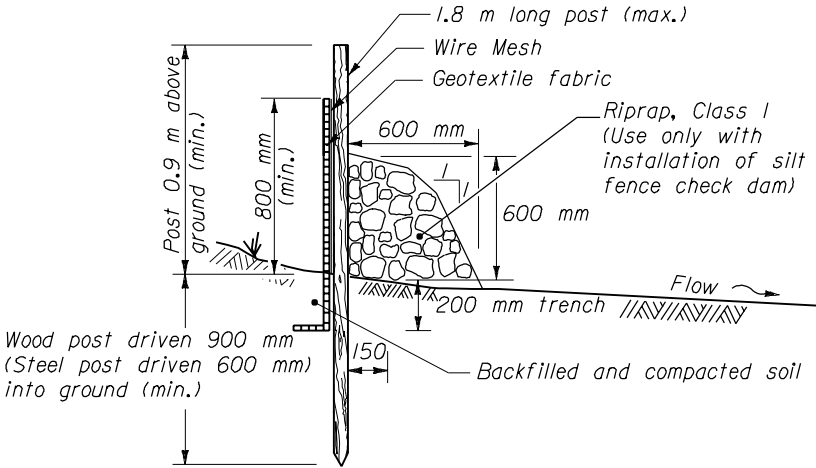
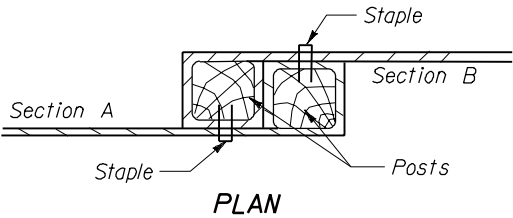
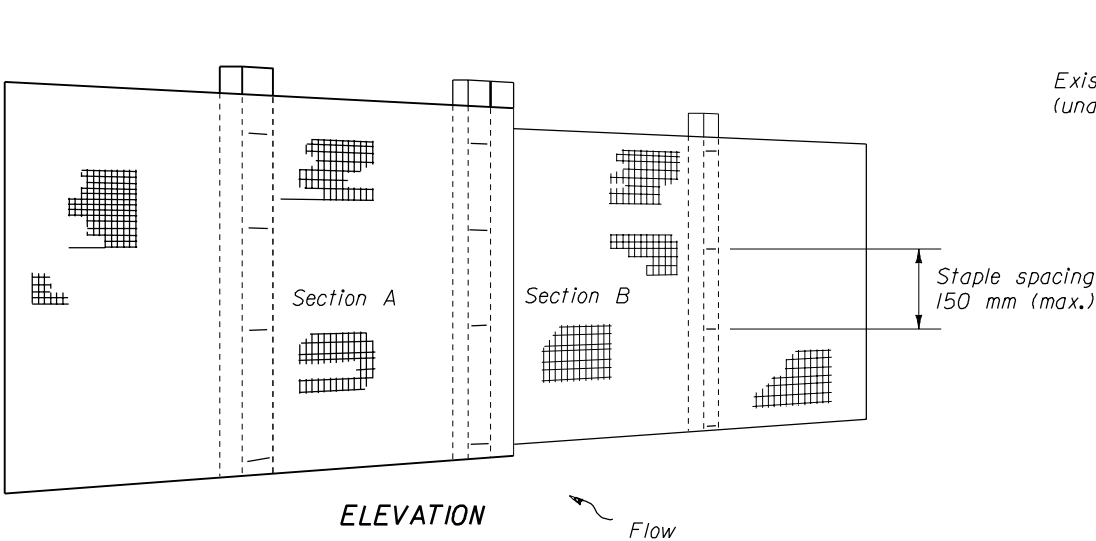


**WIRE-BACKED SILT FENCE CHECK DAM**  
(See note 2)

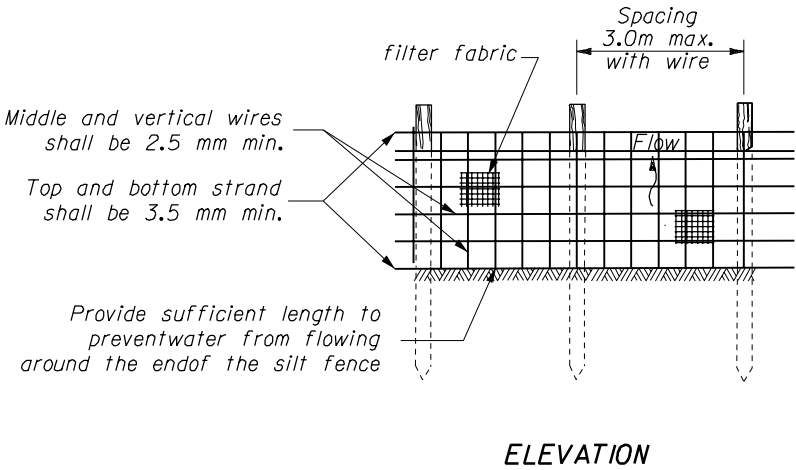
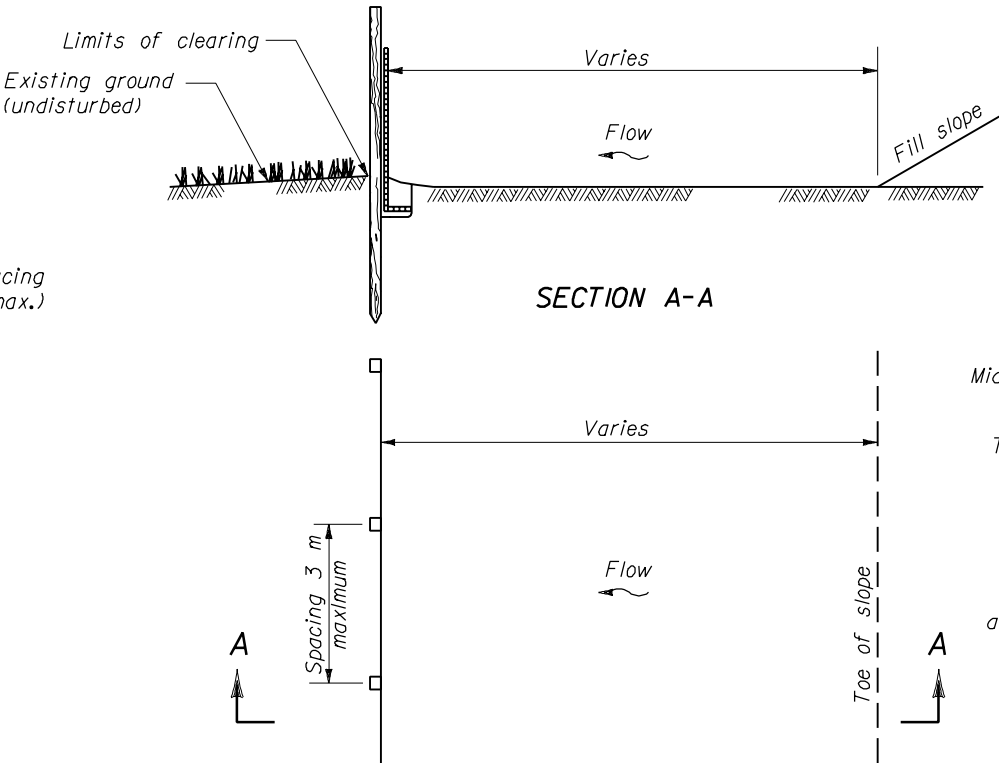


**SECTION B-B**

- NOTES:**
- Dimensions not labeled are in millimeters.
  - Use silt fence check dam installation for low flow conditions only when specified on Erosion Control Plan.
  - Alternate pre-assembled silt fence options will be allowed as long as specified minimums are satisfied. Follow manufacturer's information for installation procedures.
  - Wire mesh shall be a minimum of 800 mm in width and shall have a minimum of 6 line wires with 300 mm stay spacing.
  - Filter fabric shall be a minimum of 1150 mm in width and shall be fastened adequately to the wire as directed by the CO.
  - Steel post shall be 1500mm minimum in height and be of the self-fastener angle steel type.
  - Wood post shall be 1800mm minimum in height and 75mm in diameter.
  - Extend wire and fabric into trench.



**JOINING TWO ADJACENT SILT FENCE SECTIONS**



**WIRE-BACKED SILT FENCE  
INSTALLATION AT TOE OF FILL**

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION  
EASTERN FEDERAL LANDS HIGHWAY DIVISION  
METRIC DETAIL

**WIRE-BACKED SILT FENCE**

DETAIL APPROVED FOR USE ---/---

REVISED: 8/98

DETAIL  
EMI57-2